

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A positive electrode material powder for a lithium secondary battery containing a Li-Ni-Co-Ba-O system component as a main component, wherein each particle which constitutes the powder has an amorphous phase of an oxide; wherein the amount of Ba in the system component is 0.0005 to 0.007 mol ratio; wherein the amorphous phase of the oxide contains at least one element selected from the group consisting of Na, K, Si, P and Al; and wherein the amount of the amorphous phase of the oxide is less than 0.01 mol ratio but more than 0.
2. (Original) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein the particle has the amorphous phase of the oxide dispersed within the particle.
3. (Original) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein the particle has the amorphous phase of the oxide formed on a surface of the particle.
4. (Original) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein the particle has the amorphous phase of the oxide dispersed within the particle and formed on a surface of the particle.
- 5-9. (Canceled)
10. (Previously Presented) A lithium secondary battery having a positive electrode composed of the positive electrode material for a lithium secondary battery as recited in claim 1.
- 11-13. (Canceled)

14. (Previously Presented) A lithium secondary battery having a positive electrode composed of the positive electrode material for a lithium secondary battery as recited in claim 2.

15. (Previously Presented) A lithium secondary battery having a positive electrode composed of the positive electrode material for a lithium secondary battery as recited in claim 3.

16. (Previously Presented) A lithium secondary battery having a positive electrode composed of the positive electrode material for a lithium secondary battery as recited in claim 4.

17-18. (Canceled)

19. (New) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein the amount of Ba in the system component is 0.001 to 0.005 mol ratio.

20. (New) A positive electrode material powder for a lithium secondary battery according to claim 19, wherein the amount of Ba in the system component is 0.002 to 0.004 mol ratio.

21. (New) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein

the at least one element is Al, and

the amount of Al in the system component is 0.006 to 0.008 mol ratio.

22. (New) A positive electrode material powder for a lithium secondary battery according to claim 1, wherein

the amount of Ba in the system component is 0.002 to 0.004 mol ratio,

the at least one element is Al, and

the amount of Al in the system component is 0.006 to 0.008 mol ratio.